

PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  June 13, 2005  (Use several sheets if necessary)	<b>ATTORNEY DOCKET NO.</b> 4033.3000 US	<b>U.S. NATIONAL PHASE OF INTERNATIONAL APPLICATION NO.</b> PCT/GB2003/003236	
	<b>FILING DATE</b>	<b>ASSIGNED UNITED STATES APPLICATION NO.:</b> 10/521,522	
	<b>FIRST NAMED APPLICANT</b> Andrew Powell	<b>CONFIRMATION NO.</b>	<b>GROUP</b> 1639

U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	MM-DD-YYYY ISSUE DATE / PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
TLW	AA	US-5,430,133	July 4, 1995	Piani, <i>et al.</i>
	AB	US-5,405,949	April 11, 1995	Ungarelli, <i>et al.</i>
	AC	US-5,543,403	August 6, 1996	Petitou, <i>et al.</i>
	AD	US-5,958,899	September 28, 1999	Zoppetti, <i>et al.</i>
	AE	US-4,717,719	January 5, 1988	Sportoletti, <i>et al.</i>
	AF	US-6,127,347	October 3, 2000	Holme, <i>et al.</i>
	AG	5,795,860	08-18-1998	Witt <i>et al.</i>
✓	AH	US 2001/0051349 A1	12-13-2001	Dukler <i>et al.</i>






  


FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	MM-DD-YYYY PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
TLW	AL	EP 0380719	1990-AUG-08	AJORCA SA (AR) Domanico Ricardo Hugo, <i>et al.</i>		
	AM	EP 0 557 887 B1	12-17-1997	Lino Liverani <i>et al.</i>		
✓	AN	WO 01/40796 A3	06-07-2001	Thermo Hybaid GMBH <i>et al.</i>		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
TLW	AR Kariya, Yutaka, <i>et al.</i> , "Preparation of Completely 6-O-Desulfated Heparin and Its Ability to Enhance Activity of Basic Fibroblast Growth Factor," <i>J. Biol. Chem.</i> , 275(34): 25949-25958 (2000).
	AS Yates, Edwin A., <i>et al.</i> , "Evidence for a Heparin Derivative Containing an N-Sulfated Aziridine Ring that Retains High Anti-Factor Xa Activity," <i>Carbohydr. Res.</i> , 298:335-340 (1997).
	AT M. Jaseja, <i>et al.</i> , "Novel Regio- and Stereoselective Modifications of Heparin in Alkaline Solution. Nuclear Magnetic Resonance Spectroscopic Evidence," <i>Can. J. Chem.</i> , 67:1449-1456 (1989).
	AU Guimond, S.E. and Turnbull, J.E., "Fibroblast Growth Factor Receptor Signalling is Dictated by Specific Heparan Sulphate Saccharides," <i>Curr. Biol.</i> , 9:1343-1346 (1999).
	AV Irie, A., <i>et al.</i> , "Specific Heparan Sulfate Structures Involved in Retinal Axon Targeting," <i>Development</i> , 129: 61-70 (2002).
✓	AW Kreuger, J., <i>et al.</i> , "Sequence Analysis of Heparan Sulfate Epitopes with Graded Affinities for Fibroblast Growth Factors 1 and 2," <i>J. Biol. Chem.</i> , 276(33): 30744-30752 (2001).

<b>EXAMINER</b> T. P. Y.	<b>DATE CONSIDERED</b> 11/26/07
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
	AX	Nadkarni, V.D. and Linhardt, R.J., "Directional Immobilization of Heparin onto the Nonporous Surface of Polystyrene Microplates," <i>Biotechniques</i> , 23:382-385 (1997).
	AY	Nadkarni, V.D., <i>et al.</i> , "Directional Immobilization of Heparin onto Beaded Supports," <i>Anal Biochem.</i> , 222: 59-67 (1994).
	AZ	Yates, Edwin A., <i>et al.</i> , "H and C NMR Spectral Assignments of the Major Sequences of Twelve Systemically Modified Heparin Derivatives," <i>Carbohydrate Research</i> , 294: 15-27 (1996).
	AR2	Dove, Alan, "The Bittersweet Promise of Glycobiology," <i>Nature Biotechnology</i> , 19: 913-917 (2001).
	AS2	Database Biosis, Biosciences Information Service, Philadelphia, PA, US. Wu, Zhengliang L., <i>et al.</i> , "A New Strategy for Defining Critical Functional Groups on Heparan Sulfate," <i>FASEB J.</i> , 16(6), XP002268531 abstract (2002).

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